

# The United States of America



## The Commissioner of Patents and Trademarks

jc511 U.S. Pro  
09/629012  
08/14/00

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

### United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America for the term set forth below, subject to the payment of maintenance fees as provided by law.

If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.

If this application was filed on or after June 8, 1995, the term of this patent is twenty years from the U.S. filing date, subject to any statutory extension. If the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121 or 365(c), the term of the patent is twenty years from the date on which the earliest application was filed, subject to any statutory extension.

  
Bruce Lehman  
Commissioner of Patents and Trademarks

  
Andra Morton  
Attest

United States Patent [19]  
Moore

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[54] PACKAGE AMUSEMENT DEVICE AND  
METHOD

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A63H 33/26; B65D 77/00

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206/216  
[58] Field of Search 206/216; 40/455;  
40/454; 446/72, 73, 74, 81, 175, 484, 485;

491, 14, 220, 397; 472/56, 64

[56] References Cited

U.S. PATENT DOCUMENTS

4,221,927	9/1980	Dankman et al.	446/175 X
4,904,988	2/1990	Nesbit et al.	446/81 X
4,925,025	5/1990	Antes et al.	206/216 X
4,964,831	10/1990	Wolff	446/73 X
5,055,084	10/1991	Jokic	446/488 X
5,083,961	1/1992	Ishiiwa	446/220 X

5,182,872	2/1993	Lee et al.	40/455 X
5,184,971	2/1993	Williams	446/142
5,209,345	5/1993	Haugbook	446/73 X
5,209,665	5/1993	Billings et al.	446/397 X
5,359,374	10/1994	Schwartz	40/455
5,451,180	9/1995	Chan et al.	40/411 X

FOREIGN PATENT DOCUMENTS

1540822	2/1979	United Kingdom	40/457
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Primary Examiner—D. Neal Muir

[57] ABSTRACT

A package amusement device for producing sound or light upon interaction with a package, comprising: packaging material, a detection apparatus coupled with the packaging material for detecting interaction with the packaging material, a microprocessor apparatus coupled to the packaging material and electronically connected to the detection apparatus for generating a pre-programmed signal with respect to the type of interaction, an amplifying apparatus electronically connected to the microprocessor for amplifying the signal from the microprocessor, and a sense-detectable signal generating apparatus electronically connected to said amplifying apparatus.

14 Claims, 5 Drawing Sheets

